UTAH OIL AND GAS CONSERVATION COMMISSION SUB. REPORT/abd LOCATION INSPECTED ELECTRIC LOGS_ REMARKS 8-28-85 DATE FILED BIA-14-20-H62-LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO 3441 9-4-85 Oil DRILLING APPROVED: SPUDDED IN: COMPLETED PUT TO PRODUCING: INITIAL PRODUCTION: GRAVITY A.P.I GOR: PRODUCING ZONES: TOTAL DEPTH: WELL ELEVATION: DATE ABANDONED FIELD: Wildcat UNIT: COUNTY: Duchesne API #43-013-31128 WELL NO South Brundage Ute Tribal 5-28 1/4 - 1/4 SEC. 28 FT. FROM (N) (S) LINE. 678' FWL FT. FROM (E) (W) LINE. SW NW LOCATION 2089' FNL TWP. RGE. SEC. OPERATOR RGE SEC. **OPERATOR** TWP 28 Lomax Exploration CO. 5S 4W



GAS & MINING

August 22, 1985

Bureau of Land Management 170 South 500 East Vernal, Utah 84078

Lomax Exploration Company APD/NTL-6 Transmittal S. Brundage Ute Tribal #5-28 Sec. 28, T5S, R4W SW/NW Duchesne County, Utah

Gentlemen:

Please find enclosed the original and three (3) copies of the APD/NTL-6 Transmittal for the subject well.

It is requested that a copy of the approval be mailed to Lomax's Roosevelt Office at P.O. Box 1446, Roosevelt, Utah 84066.

Please advise if you need additional information.

Yours very truly,

Jodie S. Faulkner Production Technician

JSF/jc Enclosures-4

cc: State of Utah (3)
Division of Oil & Gas
4241 State Office Bldg.
Salt Lake City, Utah 84114

Bureau of Indian Affairs (1) Realty Property Management Office Uinta & Ouray Agency Ft. Duchesne, Utah 84026 Ute Tribe Energy & Minerals Division Ft. Duchesne, UT 84076

Lomax Exploration - Houston

Lomax Exploration - Roosevelt



RECEIVED

SEP 2 4 1985

DIVISION OF OIL GAS & MINING

September 20, 1985

Bureau of Land Management 170 South 500 East Vernal, Utah 84078

> Re: Designation of Operator

Dear Gentlemen:

Please find the attached Designation of Operator, in triplicate, for the following leases:

> Sec. 18, T5S, R4W Sec. 28, T5S, R4W BIA 14-20-H62-3437 BIA 14-20-H62-3441

> Sec. 24, T5S, R4W BIA 14-20-H62-3424

Also attached is a Secretary's Certificate declaring the name change of El Paso Exploration Company to Meridian Oil Production Inc.

If any further information is required please advise.

Very truly yours,

Production Technician

cc: State of Utah Division of Oil, Gas & Mining 355 W. N. Temple Three Triad Center - Suite 350

Salt Lake City, Utah 84180-1203

Pam Adamson

Bureau of Indian Affairs Box 190 Ft. Duchesne, UT 84026

Ute Tribe Energy & Minerals Division Ft. Duchesne, UT 84076

JSF/jc

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah

SERIAL No.: BIA 14-20-H623441

and hereby designates

NAME: Lomax Exploration Company

Address: P. O. Box 4503

Houston, Texas 77210

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 5 South, Range 4 West Section 28: All

Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

MERIDIAN OIL INC., acting as agent for MERIDIAN OIL PRODUCTION INC. formerly EL PASO EXPLORATION COMPANY

·

(Signature of leases)

J. C. Beck, Attorney-in-Fact

5613 DTC Parkway

Englewood, Colorado 80111

(Address)

September 6, 1985

ry server y company of

Approved by..

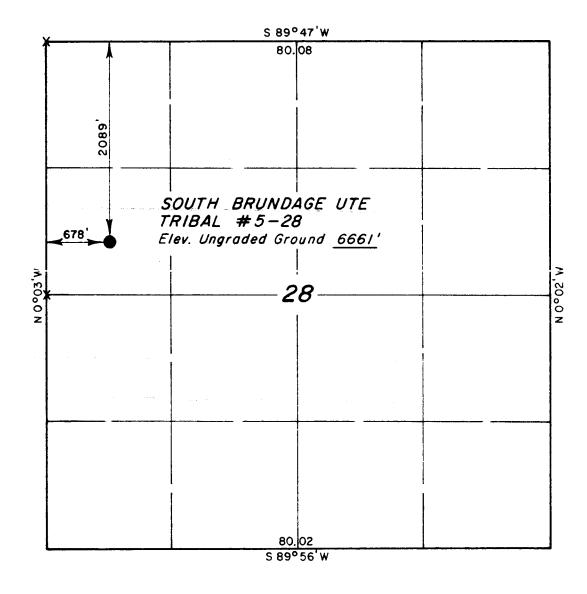
Conditions of approval, if any:

OF UTAH STA

(Other in. ctions on

reverse side) **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS, AND MINING 5. Lease Designation and Serial No. BIA-14-20-H62-3441 6. If Indian, Allottee or Tribe Name APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK la. Type of Work 7. Unit Agreement Name DRILL 🔯 DEEPEN [PLUG BACK b. Type of Well Oil XX 8. Farm or Lease Name Gas Well Single Zone Multiple Zone Other 2. Name of Operator S. Brundage Ute Tribal LOMAX EXPLORATION COMPANY 9. Well No. 3. Address of Operator #5–28 10. Field and Pool, or Wildcat 50 W. Broadway - Suite 1200, Salt Lake City, Utah 4. Location of Well (Report location clearly and in accordance with any State of irements) Wildcat 678' FWL & 2089' FNL SW/NW 11. Sec., T., R., M., or Blk. and Survey or Area At proposed prod. zone AUG 2 8 1985 Sec. 28, T5S, R4W 14. Distance in miles and direction from nearest town or post office" 12. County or Parrish 13. State 23 miles SW of Myton, Utah Duchesne Utah 15. Distance from proposed* No. of acres assigned to this well GAS & MINING location to nearest property or lease line, ft.
(Also to nearest drlg. line, if any) 678 40 Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. 19. Proposed depth Rotary or cable tools 4201' Rotary 5800**'** 21. Elevations (Show whether DF, RT, GR, etc.) 22. Approx. date work will start* 6661' GR November 1985 23 PROPOSED CASING AND CEMENTING PROGRAM Size of Hole Size of Casing Weight per Foot Setting Depth Quantity of Cement 13 3-5/8 24# 300 to surface 7-7/8 5-1/2 17# TD as required Note: Anticipated Bottom Hole Pressure is ±2700 psi. APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new proproposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer p 24. Production Manager Sin Date August 21, 1985 Title ace for Federal or State office use) 43-013-31128

T5S, R4W, U.S.B.& M.



X = Located Section Corner

PROJECT

LOMAX EXPLORATION CO.

Well location, SOUTH BRUNDAGE UTE TRIBAL #5-28, located as shown in the SW 1/4 NW 1/4, Section 28, T5S, R4W, U.S.B. & M., Duchesne County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

> REGISTERED LAND SURVEYOR REGISTRATION Nº 2454

STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING P. O. BOX Q - 85 SOUTH - 200 EAST VERNAL. UTAH - 84078

SCALE "= 1000"		7/22/ 8 5	
PARTY DA ,JW, BR DLS		REFERENCES GLO Plat	
WEATHER Fair		FILE	

LOMAX EXFLORATION COMPANY

13 Point Surface Use Plan

For

Well Location

South Brundage Ute Tribal #5-28

Located in

Section 28, T5S, R4W, U.S.B. & M.

Duchesne County, Utah

LOMAX EXPLORATION COMPANY 13 Point Surface Use Plan South Brundage Ute Tribal #5-28 Section 28, T5S, R4W, U.S.B. & M. Page 1 of 7

1. EXISTING ROADS

See attached Topographic Map "A".

To reach LOMAX EXPLORATION CO. well location site South Brundage Ute Tribal #5-28 located in the SW 1/4 NW 1/4 Section 28, T5S, R4W, U.S.B. & M., Duchesne County, Utah:

Proceed Westerly out of Myton, Utah along U.S. Highway 40 - 8.6 miles + to its Junction with an existing road to the South; proceed in a Southwesterly direction along this county road approximately 8.3 miles to its junction with a county road to the South; proceed in a South - Southwesterly direction along this road 5.2 miles to the beginning of the proposed access road (to be discussed in Item #2).

The highways mentioned in the foregoing paragraph are bituminous surfaced roads, all other roads are constructed with existing materials and gravels. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oilfield service roads and other roads in the vacinity are constructed out of existing native materials that are prevalent to the existing areas they are located, in and range from clays to a sand-clay shale material.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well will be maintained at the standards required by the B.L.M., B.I.A., or other controlling agencies. This maintenance will consist of some minor grader work for smoothing of road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed road leaves the existing county road described in Item #1, in the NE 1/4 SW 1/4 Section 28, T5S, R4W, U.S.B. & M., and proceeds in a Northwesterly direction approximately 0.6 miles to the proposed location site.

LOMAX EXPLORATION COMPANY 13 Point Surface Use Plan South Brundage Ute Tribal #5-28 Section 28, T5S, R4W, U.S.B. & M. Page 2 of 7

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1-1/2 to 1 slopes and terraced.

There will be culverts required along this access road. Placement of these culverts will be determined by appropriate authorities at the time of construction. Culverts will be placed according to the specifications in the Oil and Gas Surface Operations Manual. (See Topographic Map "B".)

There are no fences encountered along this proposed road. There will be no new gates or cattleguards required.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top ridges that will provide the greatest sight distance. These turnouts will be 200' in length and 12' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and the outlet end.

The lands involved in this action are under B.I.A. jurisdiction.

The terrain that is traversed by this road is along the top of a small ridge which is relatively steep. However, the grade will not exceed 8%.

3. LOCATION OF EXISTING WELLS

There is one plugged & abandoned well within a one mile radius of this location site. (See Topographic Map "B".)

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are no existing LOMAX EXPLORATION CO. wells within a one mile radius of this location site.

A tank battery site will be setup at the proposed location site. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to an existing battery in the area.

LOMAX EXPLORATION COMPANY 13 Point Surface Use Plan South Brundage Ute Tribal #5-28 Section 28, T5S, R4W, U.S.B. & M. Page 3 of 7

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operation after construction is completed, will meet the requirements of Item #10.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that the water for this well will be hauled by truck over the existing roads and the proposed access roads approximately 5.8 miles from the Sowers Creek.

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All contruction material for this location site and access road shall be borrowed material accumulated during construction of the location site and access road. No pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHOD OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will vary in size and depth according to the water table at the time of drilling.

LOMAX EXPLORATION COMPANY
13 Point Surface Use Plan
South Brundage Ute Tribal #5-28
Section 28, T5S, R4W, U.S.B. & M.
Page 4 of 7

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable chemical toilet will be provided for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none forseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.I.A. Representative shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

LOMAX EXPLORATION COMPANY
13 Point Surface Use Plan
South Brundage Ute Tribal #5-28
Section 28, T5S, R4W, U.S.B. & M.
Page 5 of 7

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9.) When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site shall be reseeded with a seed mixture recommended by the surface owner when the moisture content of the soil is adequate for germination. The Lessee further convenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area See Topographic Map "A".

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. Sowers Creek is located approximately 3.0 to the North of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone, conglomerate deposits, and shale are common in this area.

LOMAX EXPLORATION COMPANY 13 Point Surface Use Plan South Brundage Ute Tribal #5-28 Section 28, T5S, R4W, U.S.B. & M. Page 6 of 7

The geologic structures of the area that are visible are of the Uintah formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of non-perennial nature, flowing during the early spring run-off. Heavy rain storms of long duration are rare as the normal annual rainfall in the area is only 8".

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush, some grasses, and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area is sparse and consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area See Topographic Map "B".

South Brundage Ute Tribal #5-28 is located approximately 0.25 East of Brundage Canyon a non-perennial drainage which runs to the North into Sowers Creek.

The terrain in the vacinity of the location slopes from the South to the North at approximately 14.7% grade.

The vegetation in the immediate area surrounding the location site consists of grasses and sparse amounts of sagebrush, with juniper and pinon pine.

LOMAX EXPLORATION COMPANY 13 Point Surface Use Plan South Brundage Ute Tribal #5-28 Section 28, T5S, R4W, U.S.B. & M. Page 7 of 7

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B".)

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

John D. Steuble Lomax Exploration Company 50 W. Broadway - Suite 1200 Salt Lake City, Utah 84101

13 CERTIFICATION

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by LOMAX EXPLORATION CO. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Dax -

John D. Steuble

TEN POINT WELL PROGRAM

LOMAX EXFLORATION COMPANY South Brundage Ute Tribal #5-28 SW/NW Sec. 28, T5S, R4W Duchesne Co., Utah

1. GEOLOGIC SURFACE FORMATION

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta

Surface

Green River

140C'

Wasatch

615C'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS R MINERALS:

Green River

510C' 0il

4. PROPOSED CASING PROGRAM:

8-5/8", 24.00#, J-55; Set @ 300' 5-1/2", 17.00#, J-55; Set @ TD

All casing will be new.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 10" Series 900 Hydril Bag type BOP and a 10" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure tests of BOP's to 1000# will be to checked daily. (See Exhibit "A")

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

It is proposed that the hole be drilled with fresh water to the "J" zone and with mud there were. The mud system will be a water based gel-chemical, weighted to 10.0 ppg as necessary for gas control.

LOMAX EXPLORATION COMPANY Ten Point Well Program South Brundage Ute Tribal #5-28 Section 28, T5S, R4W, U.S.B. & M. Page 2 of 2

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be Kelly Cock, and a TIW valve with drill pipe threads.

8. TESTING, LOGGING AND CORING PROGRAMS:

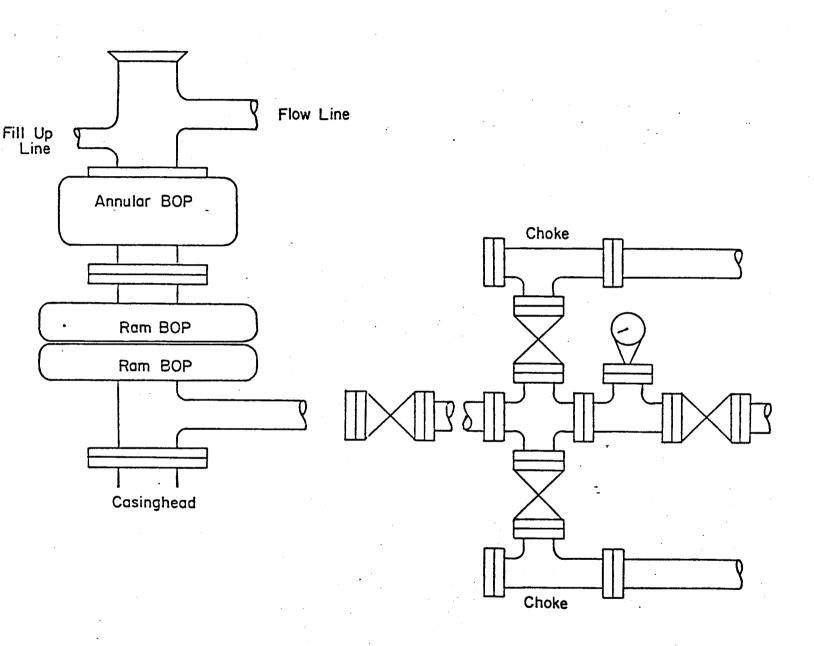
No coring or drill stem testing has been scheduled for this well. The logging will consist of a Dual Induction Laterolog and a Compensated Neutron-Formation Density.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

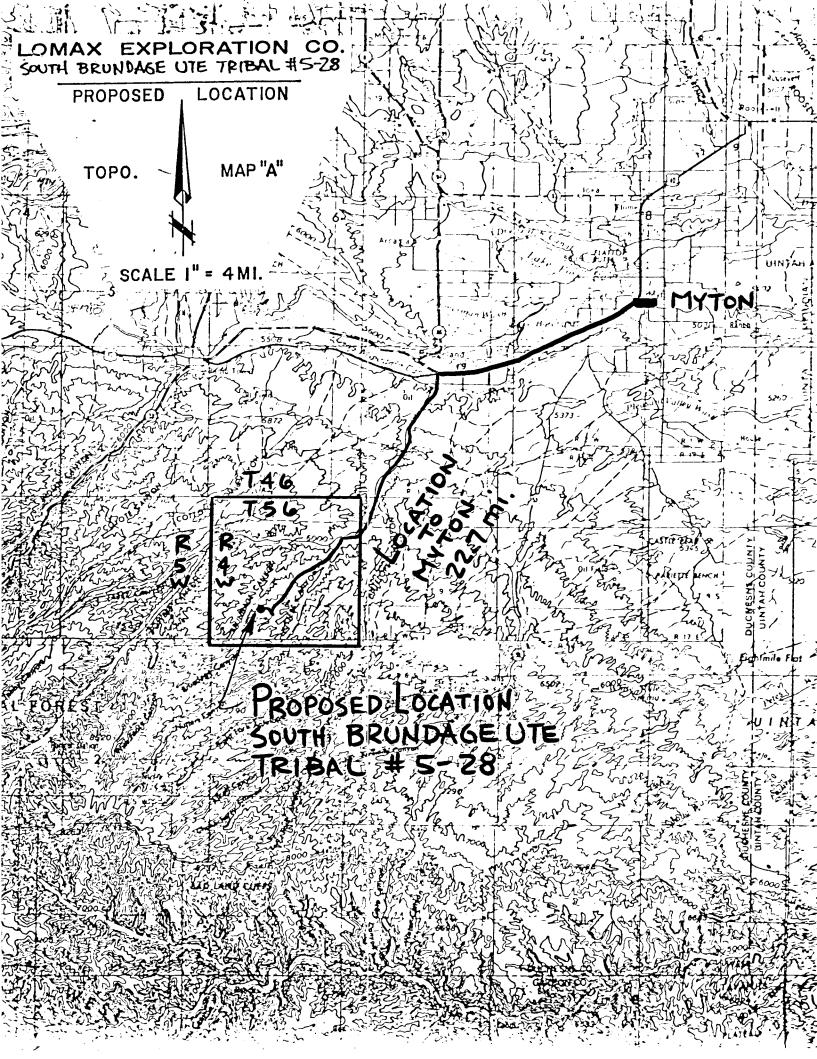
It is not anticipated that abnormal pressures or temperatures will be encountered; nor that any other abnormal hazards such a $\rm H_2S$ gas will be encountered in this area.

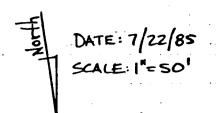
10. ANTICIPATED STARTING DAME AND DURATION OF THE OPERATIONS:

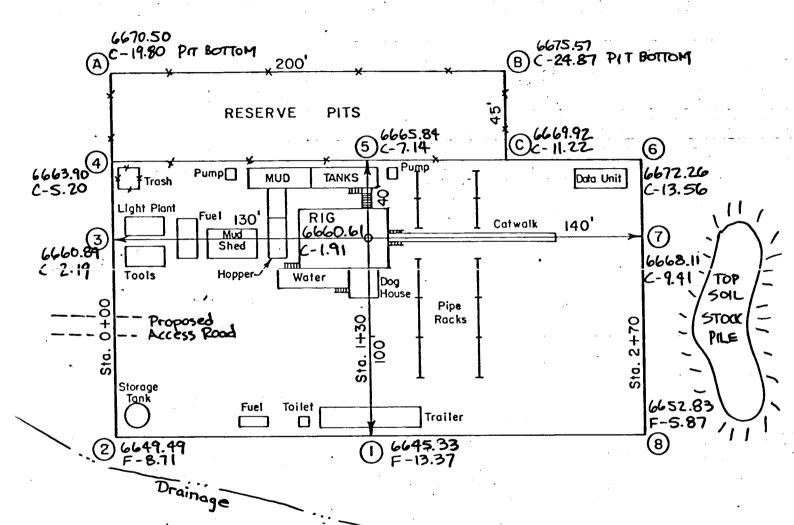
It is anticipated that operations will commence approximately November 1985.

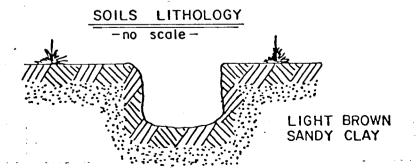


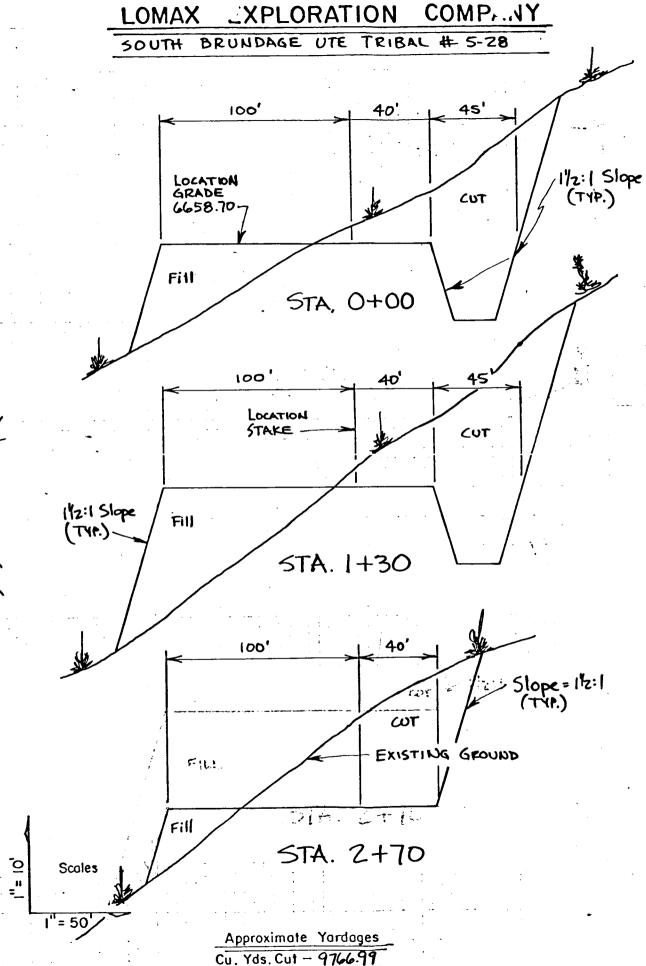
ALL EQUIPMENT 3000 PSI OR HIGHER WORKING PRESSURE











Cu. Yds. Cut - 9766.99
Cu. Yds. Fill - 5374.87
Unbalance After 20% Compaction
Cu. Yds. Cut / FHK - 3317.15

1.

STAT. JF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

(Other instr. dons on reverse side)

		L, GAS, AND MIN	ING	5. Lease Designation and Serial No.
				BIA-14-20-H62-3441
APPLICATION	FOR PERMIT	TO DRILL, DE	EPEN, OR PLUG BACK	6. If Indian, Allottee or Tribe Name
la. Type of Work				7. Unit Agreement Name
DRILI b. Type of Well		DEEPEN []	PLUG BACK	7. Unit Agreement Name
Oil XX Gas Well We	Other	•	Single Multiple Zone Zone	8. Farm or Lease Name
2. Name of Operator			Zone Zone	S. Brundage Ute Tribal
LOMAX EXPLORAT	TION COMPANY			9. Well No.
3. Address of Operator				#5 - 28
50 W. Broadwa	y - Suite 120	0, Salt Lake C	ity,Utah - 84101	10. Field and Pool, or Wildcat
4. Location of Well (Repor				Wildcat
	WL & 2089' FN	L SW/NW	RECEIVE	Sec., T., R., M., or Blk. and Survey or Area
At proposed prod. zone	• 114. 		•••	Sec. 28. T5S. R4W
14. Distance in miles and o	direction from nearest	town or post office*	NOV 1 8 198	Sec. 28, T5S, R4W 5 12. County or Parrish 13. State
23 miles SW of	E Myton, Utah			Duchesne Utah
15. Distance from proposed location to nearest	1*		16. No. of acres in lease 17. No.	
property or lease line, (Also to nearest drlg. li	ft. ne if any)	678 '	640' GAS & MININ	
18. Distance from proposed to nearest well, drilling	location*	-	CIAO O IVITIALI	ary or cable tools
or applied for, on this l	ease, ft. 4	201 '	5800' R	otary
21. Elevations (Show whether	er DF, RT, GR, etc.)			22. Approx. date work will start*
6661' GR				November 1985
23.		PROPOSED CASING	AND CEMENTING PROGRAM	
Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
13	3-5/8	24#	300	to surface
7-7/8	5-1/2	17#	TD	as required
Note: Anti	cipated Botto	om Hole Pressu	re is ±2700 psi.	Mie 1882
Sirred MM	RIBE PROPOSED PROSED TO deepen distribution of State office use)	GRAM: If proposal is rectionally, give pertinen	to deepen or plug back, give data on pret data on subsurface locations and measurements. Production Manager Approval Date	sent productive zone and proposed new pro- ured and true vertical depths. Give blowout Date August 21, 1985
Approved by Conditions of approval,	if any:	Title.	DISTUTO MULTACET	Date //12/85

NOTICE OF APPROVAL

COMMITTEMS OF APPROVAL ATTACHES
*See Instrucțions OM YEAR STACHES

Ut 080 - 5 M - 206



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

UINTAH AND OURAY AGENCY

Fort Duchesne, Utah 84026 (801) 722-2406 Ext.

IN REPLS REFER TO:

Real Property Management Ten. and Mgmt.

OCT 7

MEMORANDUM

TO

District Manager, Bureau of Land Managment

FROM:

Superintendent, Uintah and Ouray Agency

SUBJECT: Lomax Exploration, Well #5-28 in the

E1/2, Section 28, Township 5 South, Range 4 West, USM

We (concur with or, recommend) approval of the Application for Permit to Drill subject well.

Based on available information on October 4, 1985, we have cleared the proposed location in the following areas of environmental impact.

YES X	NO	Listed threatened or endangered species.
YES X	NO	Critical wildlife habitat.
YES X	NO	Archaelogical or cultural resources.
YES	NO	Air quality aspects (to be used only if project is
		in or adjacent to a Class I area of attainment).
YES	NO	Other (if necessary)

REMARKS: Wood permit required. No well construction between November 1 and April 1.

> Reserve pit reduced to 150' to the east. Place culverts as needed. Reserve pit and production pit lined according to specifications established at time of construction.

The necessary surface protection and rehabilitation requirements are as per approved APD.

ActingSuperintendent

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL WITHIN THE UINTAH OURAY RESERVATION

Company	Lomax	Exploration (uo.	well No.	5-28
Location _	Sec. 28	T5S	R4W	Lease No.	14-20-н62-3441
Onsite Ins	pection Date _	09-12-	-85		
	• •				

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

Ram preventers shall be tested to minimum 2,400 psi. Annular preventer shall be tested to minimum 1,500 psi.

BOP and choke manifold systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion reports shall be submitted to this office on a weekly basis.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

5 19 11

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producting status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into lined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/ flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

B. THIRTEEN POINT SURFACE USE PLAN

7. Planned Access Roads:

a. Width: 30' right-of-way.

All travel will be confined to existing access road rights-of-way.

If the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity, approved rights-of-way will be obtained from the BIA before the operator begins any construction activities. If the surface is owned by another entity and the mineral rights are owned by the Ute Indian Tribe, rights-of-way will be obtained from the other entity.

8. Location of Tank Batteries and Production Facilities

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5 State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with 0.S.H.A. (Occupational Safety and Health Act) will be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain $1\frac{1}{2}$ times the storage capacity of the battery.

Tank batteries will be placed on the southwest corner of the location between points 6 and 7.

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future

meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

9. Methods of Handling Waste Disposal

Storage tanks will be used if drill sites are located on tribal irrigable land or on lands under crop production. All reserve pits will be lined. The liner to be used will be determined after construction of the reserve pit.

Burning will not be allowed. All trash must be contained and disposed of by a trash cage and hauled to an approved sanitary landfill.

Produced waste water will be confined to a lined pit for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

10. Well Site Layout

The reserve pit will be located on the south side of the location between points 4 and 5.

The stockpiled topsoil will be stored on the west side of the location between points 7 and 8.

Access to the well pad will be from the east between points 2 and 3.

Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire.

Operator's employees, including subcontractors, will not gather firewood along roads constructed by operators. If wood cutting is required, a permit will be obtained from the Forestry Department of the BIA pursuant to 25 CFR 169.13 "Assessed Damages Incident to Right-of-Way Authorization". All operators, subcontractors, vendors and their employees or agents may not disturb saleable timber (including firewood) without a duly granted wood permit from the BIA Forester.

11. Plans for Restoration of Surface

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. If a plastic nylon reinforced liner is used, it should be torn and perforated before backfilling of the reserve pit.

All disturbed areas not required for production operations will be recontoured to the approximate natural contours.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BIA. If broadcast, a harrow or some other implement will be dragged over the seeded area to assume seed coverage and the seed mixture shall be double the lbs. per acre.

The seed mixture will be determined by the BIA at the time of restoration.

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed within 6 months of well completion.

Abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include: (a) reestablishing irrigation systems where applicable, (b) reestablishing soil conditions in irrigated fields in such a way as to insure cultivation and harvesting of crops, and (c) insuring revegetation of the disturbed areas to the specifications of the Ute Indian Tribe or the BIA at the time of abandonment.

The operator will submit a plan of controlling noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds can be obtained from the appropriate county extension office.

12. Surface and Mineral Ownership

Indian surface and minerals.

13. Other Information

- a. Wood permit from BIA Forester is required.
- b. Lomax shall contact: BLM/BIA after construction of access road, well pad, and pit for an inspection and to determine liner for the pit.
- c. Reserve pit reduced to 150' on the southeast side of pit.
- d. No well construction to occur between November 1 to April 1 because of big game winter habitat.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance will be required before any construction begins. If any cultural resources are found during construction, all work will stop and the AO will be notified.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

14. Lessee's or Operators Representative and Certification

Operator employees, including subcontractors, will not carry firearms or other weapons that may be used to kill game animals.

Operator employees, including subcontractors, will be confined to established roads and well sites. The purpose of this is to prevent soil erosion, and to prevent harassment of game animals or livestock with off-road vehicles such as snowmobiles, motorcycles, or 4-wheel drives.

All roads constructed by operators on the Uintah and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) that the land is owned by the Ute Indian Tribe, (b) the name of the operator, (c) that firearms are prohibited to all non-Ute Tribal members, (d) that permits must be obtained from the B.I.A. before cutting firewood or other timber products and (e) only authorized personnel permitted.

In the event after-hour approvals are necessary, please contact one of the following individuals:

Craig M. Hansen (801) 247-2318
Assistant District Manager
for Minerals

Gerald E. Kenczka (801) 781-1190 Petroleum Engineer

R. Allen McKee (801) 781-1368 Petroleum Engineer

SWNW 28 T 55		DATE 8-28-85 COUNTY Duchesne
43-013-31128 API NUMBER		Andian TYPE OF LEASE
PLAT LEASE	BOND	NEAREST W
SSING COMMENTS:		OIL SHALE
OVAL LETTER:		
		CAUSE NO. & DATE
NG: A-3		
NG: A-3		CAUSE NO. & DATE
C=3-b		CAUSE NO. & DATE



355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

September 4, 1985

Lomax Exploration Company 50 West Broadway, Suite 1200 Salt Lake City, Utah 84101

Gentlemen:

Re: Well No. South Brundage Ute Tribal 5-28 - SW NW Sec. 28, T. 5S, R. 4W 2089' FNL, 678' FWL - Duchesne County, Utah

Approval to drill the above-referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

 Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

- 1. Spudding notification to the Division within 24 hours after drilling operations commence.
- 2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
- 3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Dimector, (Home) 571-6068.
- 4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2 Lomax Exploration Company Well No. South Brundage Ute Tribal 5-28 September 4, 1985

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31128.

Sincerely,

Associate Director, Oil & Gas

jbl Enclosures

cc: Branch of Fluid Minerals
Bureau of Indian Affairs



September 17, 1985

RECEIVED

SEP 1 9 1985

State of Utah
Natural Resources
Oil, Gas & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

DIVISIUN DE DIE GAS & MINING

Re: Temporary Change #85-43-40

Please find attached a copy of the approved Temporary Change Application for five (5) locations in Duchesne County. A list of these wells and legal descriptions is also attached.

Sincerely,

J.R. Schaefer (Drilling Manager

APPLICATION NO	85-	43-	40
DISTRIBUTION SYSTEM	1		

Application For Temporary Change of Point of Diversion, **RECEIVED** Place or Purpose of Use STATE OF UTAH SEP 1 9 1985

•				
(To Be Filed in	Duplicate)		IDIUN UF UIL
	Ver	nal, Utah	Aug. 30,	19 85
For the purpose of obtaining permiss	•	v change the poir		ace or purpose of use er not needed)
of water, the right to the use of which was a	coured by	Appl. 9013 o. of application, title	(43-1650)	
to that hereinafter described, application is facts, submitted in accordance with the requi	hereby made to ti irements of the La	he State Enginee ws of Utah.	r, based upon the	following showing of
t. The owner of right or application isR.	W. & Nelda	Young		
2. The name of the person making this appl	ication is Mart	in Water Ser	`V1CE	
3. The post office address of the applicant is	P. U. BOX	bob, vernal	, utan 840/8	*************************
	PAST USE O	F WATER		
4. The flow of water which has been used in				***************************************
5. The quantity of water which has been use	ed in acre feet is			
6. The water has been used each year from	Jan. 1	. to	Dec. 31	incl.
7. The water has been used each year from	(Month)	(Day)	(Month)	(Day)
8. The direct source of supply is Sowe	(Month)	(Day)	(Month)	(Day)
9. The water has been diverted intoD SW Cor. Sec. 9, T5S,R4W,USB	itch	ditch at a poi	nt located N.80	<u>0 ft. E,500 ft.</u>
0. The water involved has been used for the OTE: If for irrigation, give legal subdivisions of lan	following purpose:	Incid. S	tal 85.	40 acres acres
place and purpose of use. THE FOLLOWING				
. The flow of water to be changed in cubic t				
2. The quantity of water to be changed in ac	cre-feet is	10.0		
3. The water will be diverted into the tan	k trucks	ditch at a po	oint located N12	50' W.1100' fro
Cor. Sec. 10, T4S,R4W,USB&M				
i. The change will be made from Aug. 3	0	19.85 , to	Aug. 30	19 86
5. The reasons for the change are. 011	well drillin	g and comple	etion work	
i. The water involved herein has here ofore	been temporarily	changed	years pi	ior to this application
	(List	years change has bee	n made)	
7. The water involved is to be used for the f	ollowing purpose:	See Attache	ed Sheet:	
OTE: If for irrigation, bece legal subdivisions of la		า	Cotal	acres
	EXPLANA	TORY		
A filing fee in the sum of \$5.00 is submitted vertising this change, or both, upon the requestions.	ed herewith. I agreest of the State En	ee to pay an addi gipeer.	tional fee for eith	er investigating or ad

comparing change must be filed in duplicate, accompanied by a filing fee of \$5.00. Where the water affected is under supervision of a Water Commissioner, appointed by the Stu Engineer, time will be saved if the Application is filed with the Commissioner, who will promptly investigate the proposed change and forward both copies with filing fee and his report to the State Engineer. Applications filed directly with the State Engineer will be mailed to the Water Commissioner for investigation and report. If there be no Water Commissioner on the source, the Appli-

When the State Engineer finds that the change will not impair the rights of others he will authorize the change to be made. If he shall find, either by his own investigation or otherwise, that the change sought might impair existing rights he shall give notice to persons whose rights might be affected and shall give them opportunity to be heard before acting upon the Application. Such notice shall be given five days before the hearing either by regular mail or by one publication in a newspaper. Before making an investigation or giving notice the State Engineer will require the applicant to deposit a sum of money sufficient to pay the expenses thereof.

> Address all communications to: State Engineer State Capitol Building Salt Lake City, Utah

STATE ENGINEER'S ENDORSEMENTS

(Not to be filled in by applicant)

Change Application No.	
1Application received by Water Commissioner	(River System)
Application received over counter in State Engir	neer's Office by
ree for filing application, \$7.50, received by	. D. W
Application returned, with letter, to	6
Corrected application resubmitted over counter	O State Engineer's Office
Fee for investigation requested \$	
Fee for investigation \$ received by	.
Investigation made by	Recommendations
9. Fee for giving notice requested \$.	
10. Fee for giving notice \$	
11	on by
12Notice published in	
restricted of pending change application mailed to in	iterested parties byas follows:
14	
(1	Date Received and Name)
15. Hearing set for	_4
Application recommended for rejection	
17	
THIS APPLICATION IS APPROVED SUBJECT TO THE F	
1.	
2	
3/	1
G. T.B.	4//
For	State Engineer



Norman H. Bangerter, Governor Dee C. Hansen, Executive Director Robert L. Morgan, State Engineer

Eastern Area • State/County Building • 152 E. 100 North • Vernal, UT 84078-2110 • 801-789-3714

September 13, 1985

Moret

RECEIVED

SEP 25 1985

Martin Water Service P. O. Box 566 Vernal, Utah 84078

DIVIDIUM OF OIL GAS & MINING

RE: Temporary Change 85-43-40

Gentlemen:

The above numbered Temporary Change Application has been approved, subject to prior rights.

A copy is herewith returned to you for your records and future reference.

Sincerely yours,

G. Blake Wahlen

for Robert L. Morgan, P. E.

State Engineer

RLM: GBW/1n

Enclosure

cc: Shields Water Service Myton, Utah 84052

N0580

South Brundage Canyon Ute Tribal #4-27 NW/NW Sec. 27, T5S, R4W

43-013-31131 POW/GRRU

South Brundage Canyon Ute Tribal #5-28 SW/NW Sec. 28, T5S, R4W

43-013-31128 JA

√Cottonwood Ridge Ute Tribal #1.5-18 SW/SE Sec. 18, T5S, R4W 43-013-31127 JA

Tabby Canyon Ute Tribal #15-24 / SW/SE Sec. 24, T5S, R5W

43-013-31129 PA

Tabby Canyon Ute Tribal #3-26 Sec. 26, T5S,R4W,USB&M

43-013-30955 POW/GREW

, RAM, USBAM RSW

031809



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
VI:RNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

IN REPLY REFER TO:

> 3162.35 U-820 14-20-H62-3441



August 5, 1986

DIVISION OF OIL, GAS & MINING

Lomax Exploration Company 50 West Broadway #1200 Salt Lake City, UT 84101

RE: Rescind Application for Permit to Drill Well No. 5-28
Section 28, T5S, R4W
Duchesne County, Utah
Lease No. 14-20-H62-3441

The Application for Permit to Drill the referenced well was approved on November 12, 1985. Since that date, no known activity has transpired at the approved location. On May 19, 1985, Marathon Oil Co. requested the Designation of Operator for Lomax Exploration Company for Lease No. 14-20-H62-3441 be rescinded. In view of the foregoing, this office is rescinding the approval of the referenced application, effective May 19, 1986.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

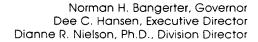
Mary V Snuin for Craig M. Hansen ADM for Minerals

ah

bcc: State Div. 0 G & M well file U-922/943

BIA

Lomax-Roosevelt office





355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

031408

August 13, 1986

Lomax Exploration Company 50 West Broadway, Suite #1200 Salt Lake City, Utah 84101

Gentlemen:

RE: Well No. S. Brundage Ute Tribal #5-28, Sec.28, T.5S, R.4W, Duchesne County, Utah, API NO. 43-013-31128

In concert with action taken by the U.S. Bureau of Land Management, approval to drill the above referenced well is hereby rescinded. A new Application for Permit to Drill must be filed with this office for approval, <u>prior</u> to future drilling of the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

John R. Baza

⊭etroleum Engineer

sb

cc: BLM-Vernal D. R. Nielson

R. J. Firth

Well file

0278T-105